Public Safety Radio System -- No. 349495

Category Agency Planning Area **General Government**

D.I.S.T. Countywide Date Last Modified Previous PDF Page Number Required Adequate Public Facility January 5, 2002 7-179 (02 App)

NO

Relocation Impact None. EXPENDITURE SCHEDULE (\$000)

,		Thru	Estimate	Total		1					Beyond
Cost Element	Total	FY01	FY02	6 Years	FY03	FY04	FY05	FY06	FY07	FY08	6 Years
Planning, Design			,						-		
and Supervision	220	220	0	0	0	0	0	0	0	0	0
Land											
Site Improvements			,								
and Utilities	175	175	0	0	0	0	0	0	0	0	0
Construction	0	. 0	0	0	0	0	0	0	0	0	0
Other	55,203	20,649	34,554	0	0	0	0	0	0	0	0
Total	55,598	21,044	34,554	0	0	0	0	0	0	0	0
				FUNDING	G SCHED	JLE (\$000)					
PAYGO	14,933	14,933	0	0	0	0	0	0	0	0	0
Short-Term											
Financing	18,159	0	18,159	0	0	0	0	0	0	0	0
G.O. Bonds	12,542	6,111	6,431	0	0	0	0	0	0	0	0
Current Revenue:											
General	8,864	0	8,864	0	0	0	0	0	0	0	0
Cable TV	1,100	0	1,100	0	0	0	0	0	0	0	0
			ANNU	AL OPERAT	TING BUD	GET IMPA	CT (\$000)				

DESCRIPTION

This project provides funding to plan, acquire, and construct an integrated trunked voice radio system to replace the existing obsolete multiple systems used by the County's public safety and other government agencies. Performance, reliability, and capacity levels will be raised significantly over the current system, and other local jurisdictions within Montgomery County will have the capability to join the system while maintaining independent operations.

Service Area

Countywide

JUSTIFICATION

The County's current public safety radio system has been operational for 25 years. Problems with the system include: coverage for both portable and mobile radios; channel congestion or lack of system capacity; aging infrastructure; and lack of easy interoperability between users. In addition, there is a need to interface with new law enforcement technologies and coordinate with changes in mutual aid channels.

Plans and Studies

Radio Communication Study, June 1990; Fire Service Radio Task Force Study, January 1992; Montgomery County Radio Communications Master Plan, March 1994; MITRE Communication Study, January 1995; Frederick Griffin Study, March/September 1995; Fibernet Evaluation Report, July 1997, TRW.

STATUS

The County signed a contract in December 1999 with Motorola, Inc., for the acquisition and installation of a new Public Safety Voice Radio System. The contract is the culmination of the efforts of a multi-department taskforce, led by DIST, which has worked for over two years on the detailed and complex contract negotiation. Construction and full activation of the new radio system is underway and should accomplished by Fall 2002.

OTHER

System implementation depends upon the availability of reliable fiber optic connections between all transmitter sites Countywide and the dispatch center. The Fibernet project construction plan will be synchronized with the Public Safety Radio System. The Public Safety Radio System project will be coordinated with other communications improvements such as the Public Safety Mobile Data System project, Computer Aided Dispatch system upgrade/replacement, new Emergency Communications Center, and the Alternate Emergency Communications Center. The County has secured the appropriate temporary FCC licenses for construction and testing, and is following the process to get final FCC approval for 20 800 MHz channels following successful testing of the final system in late 2002.

FISCAL NOTE

ADDRODRIATION AND

The Department of Finance secured short-term financing for this project and the Public Safety Mobile Data System project over the summer of 2001.

COORDINATION

APPROPRIATION AN	ט		COURDINATION	MAP
EXPENDITURE DATA			Montgomery County Fire and Rescue Service	_
Date First Appropriation	FY96	(\$000)	Department of Police	180
Initial Cost Estimate		30,000	Office of Management and Budget	17
First Cost Estimate			Department of Public Works and Transportation	
Current Scope	FY01	55,598	Sheriff's Office	
Last FY's Cost Estimate		55,598	Department of Environmental Protection	100 27 124 650
Present Cost Estimate		55,598	Department of Corrections and Rehabilitation	355)
Annualistica Demical	FY03		M-NCPPC	133
Appropriation Request		0	Cable Communications Management	
Appropriation Request Est.	FY04	- 0	Selected State, Federal, and Municipal Public Safety	
Supplemental			Agencies	
Appropriation Request	FY02	0	Fibernet	100 20
Transfer		0	Public Safety Mobile Data System	28 20 20 20 20 20 20 20 20 20 20 20 20 20
Cumulative Appropriation		55,598	Telecommunications Transmission Facility	588
Expenditures/			Coordinating Group	
Encumbrances		53,517	Office of Management and Budget	MONTGOMERY
Unencumbered Balance		2,081	Department of Finance	COUNTY, MD
Partial Closeout Thru	FY00	0		COOM I, MID
New Partial Closeout	FY01	0		\ <u>\</u>
Total Partial Closeout		0		

MAP